

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Socket No. 107538885
016404212A

In Re Application Of: C. NESSLER ET AL.

JC17 Rec'd PCT/PTO 14 JUN 2005

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
not yet assigned	concurrently	not yet assigned	30743	not yet assigned	not yet assigned

Title: **MANIPULATION OF ASCORBIC ACID LEVELS IN PLANTS**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

10/538885
016464211A

In Re Application: C. NESSLER ET AL.

JC17 Rec'd PCT/PTO 14 JUN 2005

Application No. not yet assigned	Filing Date concurrently	Examiner not yet assigned	Customer No. 30743	Group Art Unit not yet assigned	Confirmation No. not yet assigned
-------------------------------------	-----------------------------	------------------------------	-----------------------	------------------------------------	--------------------------------------

Title: MANIPULATION OF ASCORBIC ACID LEVELS IN PLANTS

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2041 as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

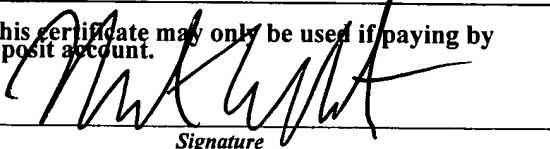
Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)
_____ (Date)
_____ Signature
_____ Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____
_____ (Date)
_____ Signature of Person Mailing Correspondence
_____ Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.


Signature

Dated: June 13, 2005

Michael E. Whitham
Reg. No. 32,635
Whitham, Curtis & Christofferson, PC
11491 Sunset Hills Road, Suite 340
Reston, Virginia 20190
703-787-9400
CUSTOMER NUMBER 30743

CC:

10/538885
JC17 Rec'd PCT/PTO 14 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

C. NESSLER ET AL.

Serial No.: not yet assigned

Examiner: not yet assigned

Filing Date: Concurrently

Group Art Unit: not yet assigned

For: MANIPULATION OF ASCORBIC ACID LEVELS IN PLANTS

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.99 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application.

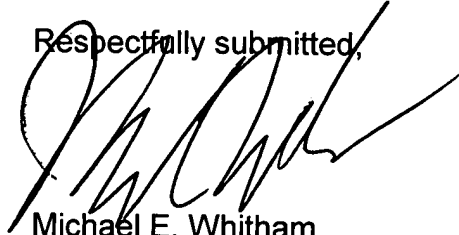
These citations do not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

10/538885

JC17 Rec'd PCT/PTO 14 JUN 2005

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application. Please charge any deficiencies in fees and credit any overpayment of fees to attorney's Deposit Account No. 50-2041.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Michael E. Whitham', written over the text 'Respectfully submitted,'.

Michael E. Whitham
Registration No.: 32,635
703-787-9400

Whitham, Curtis & Christofferson, PC
11491 Sunset Hills Road, Suite 340
Reston, Virginia 20190

703-787-9400

Customer No. 30743

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

01640421TA

Application Number

not yet assigned

Applicant(s)

NESSLER et al.

Filing Date

concurrently

Group Art Unit

not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	Jain et al. "Metabolic Engineering of an Alternative Pathway for Ascorbic Acid Biosynthesis in Plants" Molecular Breeding 2000, Vol. 6 No. 1 PP 73-78.
	Conklin, et al., "Identification of Ascorbic Acid-Deficient Arabidopsis Thaliana Mutants" Genetics 2000, Vol 154 pp 847-856.
	Smirnov, N. "Ascorbic Acid: Metabolism and Functions of a Multi-Faceted Molecule"; Current Opinion Plant Biology (2000) Vol. 3, pp 229-235.
	Smirnov, et al., "Biosynthesis of Ascorbic Acid In Plants: A Renaissance," Annu. Rev. Plant Physiol. Plant Mol. Biol. 2001, Vol 52, pp 437-467.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.